MATERIAL SAFETY DATA SHEET

MSDS

PoolTime Water Clarifier

Date-Issued: 09/13/1997
MSDS Ref. No: RPTM23723
Date-Revised: 11/27/2001
Revision No: 2

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1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PoolTime Water Clarifier
GENERAL USE: Water clarifier

MANUFACTURER
Recreational Water Products
Pool Time
PO Box 887
Scottdale, GA 30079
Customer SERVICE: (800) 949-7946

24 HR. EMERGENCY TELEPHONE NUMBERS
CHEMTREC (Transportation) (800) 424-9300
Poison Control Center (Medical) (877) 800-5553

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Wt.%
Contains less than 1% of a Hazardous Material.		

COMMENTS: Ingredients listed in this section have been determined to be hazardous as defined in 29 CFR 1910.1200. Materials determined to be health hazards are listed if they comprise 1% of more of the composition. Materials identified as carcinogens are listed if they comprise 0.1% or more of the composition. Information on proprietary materials is available as provided in 29 CFR 1910.1200.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Blue liquid.

IMMEDIATE CONCERNS: CAUTION: Avoid contact with eyes, skin and clothing. Do not mix with other chemicals.

POTENTIAL HEALTH EFFECTS

EYES: This product is not expected to cause eye irritation. However, in accordance with good personal hygiene practices, avoid contact with eyes.

SKIN: This product is not expected to cause skin irritation. However, in accordance with good personal hygiene practices, avoid contact with skin or clothing.

INGESTION: No evidence of adverse effects from available information.

INHALATION: May be irritating to nose and throat. Avoid breathing vapors.

ROUTES OF ENTRY: Skin Contact, Eye Contact, Inhalation.

COMMENTS HEALTH: There are no known chronic hazards.

4. FIRST AID MEASURES

EYES: If in eyes: Flush eyes with plenty of water. Get medical attention if irritation persists.

SKIN: If on skin: Wash with plenty of soap and water. Get medical attention if irritation develops.

INGESTION: Not an expected route of overexposure.

INHALATION: If inhaled: Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If not breathing, give artificial respiration. Call a physician immediately.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: There are no unusual fire and explosion hazards known.

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Water

FIRE FIGHTING PROCEDURES: Firefighters should wear full protective clothing and self contained breathing apparatus (SCBA). Throughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: STEP TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Utilizing approporiate clothing and safety equipment, contain spill material. Cover the liquid with an inert absorbent. Using clean, dedicated equipment, sweep and scoop all spilled material, contaminated soil, and other contaminated material and place into clean dry plastic containers for disposal. Dispose of according to local, state and federal regulations.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid contact with eyes, skin or clothing. Avoid breathing vapors.

HANDLING: Mix only with water. Do not mix with other chemicals.

STORAGE: Keep this product in original tightly closed container when not in use. Store in a cool, dry, well ventilated area away from heat or open flame. Do not store at temperatures below 40 F. Do not reuse container, but place in trash collection. Rinse thoroughly before discarding in trash.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: General room ventilation. Not expected to be an inhalation hazard.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: Wear safety glasses with side shields where there is potential for eye contact.

SKIN: For personal hygiene purposes use adequate clothing to prevent skin contact.

RESPIRATORY: None required for normal use.

WORK HYGIENIC PRACTICES: If product gets on clothing, remove and wash before reuse.

OTHER USE PRECAUTIONS: Facilities storing or utilizing this material should be equipped with an eyewash and safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOR: Almondy
APPEARANCE: Clear
COLOR: Blue
pH: 5.0 to 8.0
VAPOR PRESSURE: Not Applicable
VAPOR DENSITY: Not Applicable
BOILING POINT: 100°C (212°F)
FREEZING POINT: Not Available
SOLUBILITY IN WATER: Miscible in Water
SPECIFIC GRAVITY: 1.03 to 1.05 g/ml

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: High temperature. Poor ventilation. Contamination.

STABILITY: This product is stable under normal conditions.

POLYMERIZATION: Hazardous polymerization will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, ammonia, oxides of nitrogen and/or hydrogen chloride.

INCOMPATIBLE MATERIALS: Other swimming pool/spa chemicals in their concentrated forms. Strong oxidizing agents. This material may react slowly with iron, copper or aluminum resulting in corrosion and/or product degradation.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: This product may be irritating to eyes.

SKIN EFFECTS: This product may be irritating to skin.

CARCINOGENICITY:

This product is not listed as a carcinogen by IARC.

This product is not listed as a carcinogen by NTP.

This product is not listed as a carcinogen by OSHA.

GENERAL COMMENTS: This product is not a mutagen or teratogen.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This product may be toxic to fish and aquatic organisms. Keep product from entering waterways and watersheds.

13. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL: Disposal of unused, uncontaminated product is regulated according to local, state and federal regulations.

EMPTY CONTAINER: Do not reuse container. Rinse thoroughly before discarding in trash.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

313 REPORTABLE INGREDIENTS: This product or its components are not listed.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: This product or its components are not listed.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: This product or its components are not subject to export notification.

TSCA STATUS: This product or its components are listed on the TSCA Inventory.

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT): This product is not a registered pesticide.

16. OTHER INFORMATION

REVISION SUMMARY Revision #: 2
This MSDS replaces the November 24, 1997 MSDS. Any changes in information are as follows:
In Section 1
Prepared By
In Section 3
Emergency Overview - Immediate Concerns Potential Heath Effects - Eyes Potential Health Effects - Skin Potential Health Effects - Ingestion Routes of Entry
In Section 4
Firstaid - Eyes Firstaid - Skin Firstaid - Ingestion

In Section 7
Handling Storage
In Section 8
Engineering Controls Skin Protection Eyes-Face Protection Respiratory Protection Work Hygienic Practices
In Section 9
(pH) (From) (Group Field) for Vapor Pressure (Group Field) for Vapor Pressure Density (Group Field) for Freezing Point Specific Gravity (From) Specific Gravity (To)
In Section 13
Disposal

HMIS RATING

HEALTH:		1
FIRE:		0
REACTIVITY:		0
PROTECTION:		B

NFPA RATING

HEALTH:	1
FIRE:	0
REACTIVITY:	0

Key
4 = Severe
3 = Serious
2 = Moderate
1 = Slight
0 = Minimal

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